CURRICULAM-VITAE

# ALOK KUMAR

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**ABOUT CAREER**

**B.Tech** in Computer Science and Engineering, having **6+** years of experience in **Cloud Technologies**(AWS, Azure, etc.), **Linux** & **Windows** server configuration, administration, and management in heterogeneous environment along with **DevOps** tools.

**EDUCATIONAL QUALIFICATION: -**

* **B. Tech (CSE)** from **Kurukshetra University (**Institute Name - Jind institute of Engg. &

Tech., Jind, Haryana**)** with **71.15%** in 2014.

* Senior secondary from **M.L.S.M** Darbhangawith **66.4%** in 2009.
* Matriculation from **B.S.E.B Patna** with **64.2%** in 2007.

PROFESSIONAL EXPERIENCE: (Total Experience 6+ years)

* **Company:** Adobe Systems.

**Payroll Company –** Trigent Software Limited.

 **Duration:** May 2019 to till.

 **Role:** Site Reliability Engineer.

**Responsibilities:**

* Working in TechOps team to provide support to Adobe Campaign.
* Working on Linux Operating system, FTP server, SSH server, Samba server, NFS server, Teaming, Apache server, LVM, User and Group management.
* Manage all severities Incidents raised by client within SLA and close them.
* Hands on experience of Docker and Kubernetes.
* Provisioned and Configured servers through Ansible.
* Proficient with git and git workflows.
* Developed and maintain automated CI/CD pipelines using Jenkins.
* Configured and Administered Nagios for Monitoring Linux servers.
* Hands on experience of AWS services (EC2, S3, EFS, EBS, Route53, VPC, ASG, ELB, IAM).
* Automating day to day activity using Shell, Python, Ansible
* Log analysis using Splunk, Grafana.
* Provisioning of EC2, RDS instances and upgrading Infra of existing instances.
* Creating CSR file and Installing SSL certificate.
* Subdomain delegation and configuration.
* Troubleshoot SPF, DKIM, DMARC, FBL.
* Create/Configure Mailbox.
* Network packet capturing and analysis using tcpdump
* Create and configure ELB, ALB and CloudFront.
* **Company:** **SIEC Education Pvt Ltd.**

 **Duration:** Feb 2016 to till.

 **Role:**  **System and Server Administrator- Linux.**

 **Responsibilities:**

* Installation and Administration of Linux server (CentOS, Ubuntu, RHEL etc.
* VPC setup and administration on Azure, AWS, and google cloud platform.
* VPN and Firewall, configuration, management and troubleshooting.
* Network Drive configuration, maintenance using NAS and File Server.
* Working on control panels like cPanel, WHM, Webmin and Vesta.
* Email ID Creation, Password Modification, Email List creation etc.
* DNS Server (DNS Zones, DNS Records, etc.) and DHCP Server with Scopes.
* Internet Failover and Load balance management (Windows and Linux server).
* Configuration of third-party email Server like Gmail for work, enterprise rediffmail, etc.)
* Exim mail transfer agent (MTA) troubleshooting.
* Proxy server (Squid3), Samba server, FTP server, Mail server (dovecot) configuration and troubleshooting.
* Logs of internet users (Like website access, unauthorized access) through firewall
* URL blocking, Website blocking, Port blocking through Firewall.
* **Company:** Medlife International Pvt. Ltd.

**Payroll Company –** Quess Corp (IKYA global)

 **Duration:** Aug. 2015 to Feb 2016.

 **Role:** Sr. IT Engineer.

**Responsibilities:**

* Diagnosis and Maintenance all type of Server Hardware, Software & Networking problems.
* Diagnosis and Troubleshooting of all type of System Failures, Recovery of crashed computer & Password applying and breaking.
* Installation of their application software.
* Remote Access and end user support Using software.
* Maintain detailed and up-to-date licenses and hardware/software inventory.
* **Company:** Vision and Viability Realty Solution, Noida.

 **Duration:** May 2015 to August 2015

 **Role:** Executive-IT .

* **Company**: Zoom Hkg InfoTech Pvt. Ltd, New Delhi.

**Duration:**  Sep 2014 to May 2015

 **Role:** System Administrator

**TECHNICAL KNOWLEDGE**:

* Installation and Configuration and management of Linux and Windows Server.
* DHCP, DNS, FTP, and Proxy Server Installation, configuration on Linux and windows.
* Working knowledge on Microsoft Azure to design and implement solution.
* Knowledge of Deploying New Virtual machine, Cloud service and Azure storage.
* Designing and providing solution for Azure Virtual Network (VNet), Virtual Network Peering, Implement Point-to-Site, Site-to-Site, Multi-Site VPN.
* Implementation of Network Security Group (NSG) and UDR (routing Table).
* Having sound knowledge of scaling (Virtual Machine Scale set).
* Good concept of Storage (Standard and Premium Storage account), types of storage (Blob, Table, File, Queue), Managed Disk, Storage Replication (LRS/ZRS/GRS/RA-GRS) etc.
* Configure the VMs in Availability Set to provide higher Availability for VMs.
* Operate FTP, SSH Samba Server in Linux Environment.
* Configuration of Webservers like Apache, Nginx, Tomcat, IIS.
* Backup and restore of databases or tables (SQL, MySQL, Postgres etc.).
* Configuring Data Protection, Managing Disk & Drive, Disk Partition and RAID Configuration.
* NAS (freeNAS, ReadyNAS, etc.) and SAN configuration and Management.
* Managing multiple SMTP domains in the same mail organization.
* Good understanding of OSI Model, Cabling, TCP/IP protocol suite (IP, ARP, ICMP, TCP, UDP, RARP, FTP, TFTP) basic knowledge of Routing Protocols BGP, EIGRP, OSPF, RIP and Static.

**CERTIFICATION:** Red Hat Certified System Administrator (Cert ID – 180-225-484)

 Red Hat Certified Engineer (Cert ID – 180-225-484)

**SKILL SET:**

**Server –** Redhat/CentOS(6.x and 7.x), Ubuntu, Windows server(2k8 and above)

**Cloud Technologies –** AWS, Azure and Google Cloud

**DevOps Technologies –** GIT, Ansible, Docker, Kubernetes, Jenkins, Nagios, Splunk etc.

**Databases –** PostgreSQL, MySQL, Maria DB, SQL Server etc.

**Web Servers** – Apache, Ngnix, Tomcat, IIS

**Programing Language –** Python**,** C, C++, Core Java

**Firewall & VPN –** Fortinate, Nebero, OpenVPN

**PERSONAL STRENGTHS: -**

* Work well independently and within a team setting, Hardworking and good determination.
* Ability to grasp new technologies, accept the task as a challenge and always ready to take up new challenge proactively.

**PERSONAL INFORMATION: -**

* **Father's Name : Jay Chandra Sah**
* **Marital Status : Married**
* **Language Known : English, Hindi**
* **Permanent Address : Darbhanga, Bihar-847307**

**Declaration**

I do hereby declare that the above information is true to the best of my knowledge**.**

### Date: (Alok Kumar)

### Place: (Signature)